

# MSOE EECS Department

## CE-1901: Week 2 Lab Grading Checklist

Dr. Yoder                      Name: \_\_\_\_\_

Item	Points
Figure 1 Quartus schematic (greater than four detector) (for all CE1901 schematics use comment tool to include title, name and date)	2 mreo / 2
Figure 1 Quartus simulation (for all CE1901 simulations explain why your simulation indicates correct behavior by annotating your simulation to show that, <i>e.g.</i> , unsigned inputs greater than 4 give an output of 1; illustrate a few to several columns – enough to convince a reader your results are correct)	/ 3
<p>Quartus 15 does not support direct printing of VWF files. So, to print your simulation...</p> <ol style="list-style-type: none"> <li>1. Size and arrange the simulation results waveform window as you want it to appear on your printout. Use Ctrl+Space and Ctrl+Shift+Space to scale the time axis to view all <math>2^N</math> input combinations clearly.</li> <li>2. From the start menu, select the Snipping Tool. Search for this tool if needed.</li> <li>3. Select an area of the screen to copy that area.</li> <li>4. Launch either Microsoft Word or Windows Paint</li> <li>5. Click the Paste button (or type Ctrl-V).</li> <li>6. Press Ctrl-P to print</li> </ol> <p>Select your printer and click Print.</p>	
Figure 2 Quartus schematic (between 7 and 11)	/ 2
Figure 2 Quartus simulation	/ 3
Figure 3 Quartus schematic (number line middle detector)	/ 2
Figure 3 Quartus simulation	/ 3
Demonstration (due during lab): the instructor will ask you to demonstrate one of the 3 circuits on your DE0 board	/ 2
Follow the submission instructions below.	/ 2
Total	/ 20

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- Submit everything in the **order** listed above.
- You only need to include pages from the lab packet if they contain your work, design, or calculations.
- Your lab packet is due by 9 AM on the day after the lab is performed. You may do your (late) demonstration after submitting your lab packet if necessary. The late penalty for the demo is 1 pt per day. You may submit your lab:
  - In person if you can find me by the deadline
  - To my mailbox in L-350
  - At my office in L-344: under my door
- Extra copies of lab checkout sheets are available on my course website.

*Acknowledgement:* The original version of this checklist was created by Dr. Eric Durant.